

ABSTRACT OF THE DISCLOSURE

A temperature-dependent measuring resistance with low mass and thereby rapid response time has a conductor path provided with at least two connection contact pads. The conductor path is applied to a metal substrate with an insulation
5 layer (membrane) situated thereon. A portion of the conductor path spans a recess of the substrate in a bridge-like manner. The conductor path is selectively covered by a passivation layer up to its connection contact pads.